

Fac/Perm/Co ID #	Date	Doc ID#
hc	08/30/02	DIN

**Subject: Jackson Co. CH4 Remediation Plan**

**Date:** Fri, 30 Aug 2002 14:12:15 -0400

**From:** Larry Rose <Larry.Rose@ncmail.net>

**To:** JAMES COFFEY <JAMES.C.COFFEY@ncmail.net>

Jim,

The Landfill Gas Gas Management Plan for Jackson County, submitted by Altamont, just describes the proposed actions to be taken and does not require a response from us. It also includes a rough schedule for implementation. There's not a lot of detail about corrective measures that would be invasive to the cap. Most of the initial steps are related to reviewing the situation and preventing associated risks to public health. The whole approach to dealing with the problem will be risk based.

Let me know if you want more detail.

Larry

## Jackson Co. LF

1. Altamont will inspect CH<sub>4</sub> alarm system in Co. Maintenance Bldg. & make improvements if necessary.
  - Establish record keeping system and train County personnel to take CH<sub>4</sub> measurements.
2. Implement quarterly CH<sub>4</sub> screening program using FID.
  - Considered more sensitive method.
3. Reevaluate monitoring network along all LF boundaries.
4. Install additional probes if necessary.
5. Identify potential LFG users.
6. Conduct economic feasibility study of LF gas utilization.
7. If not economically feasible to use LF gas for major projects, will evaluate possibility of smaller use projects.
  - Tax credits
  - Federal assistance programs.
  - Grants
8. Identify remedial actions if risks are unacceptable.
  - property control
  - LF gas migration control
9. Conduct additional site investigation
  - Estimate leachate generation using modeling.
  - Evaluate nature & extent of water encountered during Phase II LFG Extraction Pilot Study.
  - Troubleshoot Phase II Extraction wells.
10. Install additional LF Gas Probes, Vents, Piezometers as needed to characterize the site.
11. Design LFG Collection & Control system, if needed.